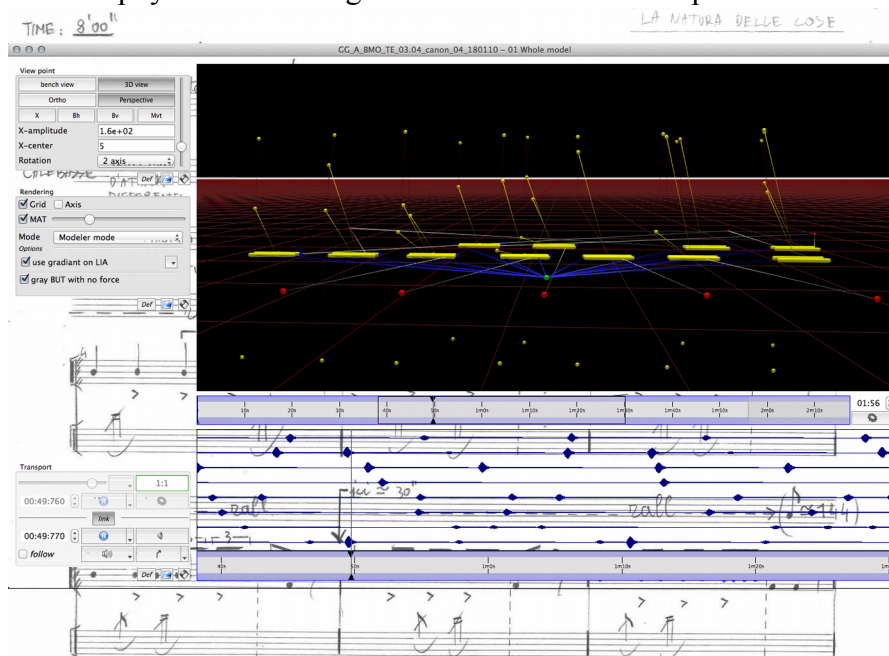


INVITATION
ACROE is pleased to invite you to the defense of the thesis of
Giuseppe Gavazza
Composer and researcher

DE RERUM NATURA

physical modelling as a tool for musical composition



This thesis concerns the development, formalisation and categorisation of structural models – created by physical modelling with GENESIS software – in the frame of musical composition all along 20 years of personal use as a composer and researcher.

This experience has led me to consider this environment not as a synthesis tool, but as a complex instrument, which allows to create a complete musical composition covering all three usual categories of acoustics and music: micro-formal (the tone, harmony, orchestration), mezzo-formal (the rhythm, melody, and the basic sequences/harmonic structures) and macro-formal (the higher level harmonic structure, the formal outline of the entire composition).

The direction of my research – the thesis - is not to propose the framework of a new music or a new aesthetic, but develop "well-tempered" instruments for a new practice of music creativity that explores and accomplishes better the potentialities of computer and digital technology.

Director of PhD: Claude Cadoz, researcher, composer
Co-director of PhD: Patrick Revol, professor, researcher, musicologist
This thesis has been realized at ACROE - ICA

Jury

Goffredo HAUS, professor, researcher, composer - Rapporteur
Bernard SÈVE, researcher, philosophe - Rapporteur
Giovanni DE POLI, professor, researcher - Examineur
André RICHARD, composer, musicologist - Examineur
Anne GUERIN-DUGUÉ, professor, researcher - Examinatrice
Claude CADOZ, researcher, composer – Directeur of PhD
Patrick REVOL, professor, musicologist – Co-Directeur of PhD

**Monday, February 5th, 2018, at 2:00 p.m. - PlatformAST, Building P, Grenoble INP
46, avenue Félix Viallet, 38000 Grenoble**

A buffet will follow